

2019 ASFPM Arid Regions Conference

**Water Issues in the Arid Southwest
April 16-19, 2019
Albuquerque, NM**



Trainings

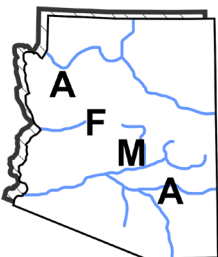
Tuesday, April 16, 2019

Time		Presentation Topic/Activity	Instructors	Organization
From	To			
8:00 AM	5:00 PM	Post Fire Hydrology and Runoff Management (FEE: \$75)	Linda Potter	Atkins
8:00 AM	12:00 PM	Floodplain Management Concepts	JD Padilla	NMFMA
12:00 PM	1:00 PM	Lunch on your own		
1:00 PM	5:00 PM	Advance QGIS Training	Su Zhang	EDAC UNM
5:00 PM		Dinner on your own		

CFM Exam and Field Trip

Wednesday, April 17, 2019

Time		Presentation Topic/Activity	Presenter	Organization
From	To			
9:00 AM	12:00 PM	CFM Exam	JD Padilla	NMFMA
9:00 AM	12:00 PM	Raven Pond Tour	AMAFCA	AMAFCA
10:00 AM	5:00 PM	Conference Registration		
12:00 PM	1:00 PM	Lunch on your own		



2019 ASFPM Arid Regions Conference

Welcome Plenary

Moderated by Nicole Friedt, PE, CFM

Wednesday, April 17, 2019

Time		Presentation Topic/Activity	Presenter	Organization
From	To			
1:30 PM	2:00 PM	Welcome NMFMA, AFMA & ASFPM	Nicole Friedt Linda Potter Jeanne Ruefer	NMFMA AFMA ASFPM
2:00 PM	2:30 PM	Keynote Speaker: Call to Action: The Critical Need to Recruit More Engineering Students	Brian Burnett	Burnett Global Business Consultants, LLC
2:30 PM	3:00 PM	USACE ABQ District H&H Update	Stephen Scissons	USACE
3:00 PM	3:30 PM	NM-CO REPS Update	Charles Thompson	OSE
3:30 PM	3:45 PM	Break		
3:45 PM	4:00 PM	Arid Regions Issues Panel Discussion – Arizona Update	Linda Potter	AFMA
4:00 PM	4:15 PM	Arid Regions Issues Panel Discussion – Utah Update	Tom Wright	UFSMA
4:15 PM	4:30 PM	Arid Regions Issues Panel Discussion – Colorado Update	Kevin Houck	CWCB
4:30 PM	4:45 PM	Arid Regions Issues Panel Discussion – New Mexico Update	Veronica Chavez & Shawn Penman	NMDHSEM and EDAC
4:45 PM	5:00 PM	Arid Regions Issues Panel Discussion – Nevada Update	Bunny Bishop	NDWR
5:00 PM	7:00 PM	Evening Social	Casa Esencia at Hotel Albuquerque	

2019 ASFPM Arid Regions Conference

Tract 1 Arid Regions Floodplain Management Issues

Moderated by Michelle Truby-Tillen & Shawn Penman

Thursday, April 18, 2019

Time		Presentation Topic/Activity	Presenter	Organization
From	To			
7:45 AM	9:00 AM	Continental Breakfast		
8:30 AM	9:00 AM	Is it a Dam or a Levee	Zach Whitten	Stantec
9:00 AM	9:30 AM	Real-Time Flood Forecasting Software For Flood-Prone Roadways Crossing Skunk Creek in Phoenix, Arizona	Carlos Carriaga & Bing Zhao	Flood Control District of Maricopa County
9:30 AM	10:00 AM	NMDHSEM Travel Reimbursement Program	Shannon Effle	DHSEM
10:00 AM	10:30 AM	Break		
10:30 AM	11:00 AM	Application of FEMA Alluvial Fan Delineation Stage 1 & Stage 2 Methodology to Maricopa County, Arizona	Shimin Li & Bing Zhao	Flood Control District of Maricopa County
11:00 AM	11:30 AM	Social Media and the Web for Floodplain Managers	Michele Truby-Tillen	San Juan County
11:30 AM	12:00 PM	CHAMPions of Floodplain Mapping	Thuy Patton, Rigel Rucker & Griffin Cullen	CWCB & AECOM
12:00 PM	1:30 PM	Luncheon and Business Meeting 5 Minute into from Platinum sponsors: BHI,		
1:30 PM	2:00 PM	A Complex Web of Infrastructure: 2-Dimensional Modeling in El Paso, TX	Marie VanDerGeest	BHI
2:00 PM	2:30 PM	Analysis of Hatch Flood of 2006	Zohrab Samani	New Mexico State University
2:30 PM	3:00 PM	Deciding to Use and Managing 2D model results for Floodplain Managers	Thuy Patton, Rigel Rucker	CWCB & AECOM
3:00 PM	3:30 PM	Break		
3:30 PM	4:00 PM	Leveraging the Power of an Enterprise GIS for the Navajo Housing Authority	Nadine Clah & Anders Berg	Navajo Housing Authority & AECOM
4:00 PM	4:30 PM	North Albuquerque Acres: A Unique Way of Managing a Floodplain, but Don't Try This at Home	Nicole Friedt	AMAFCA
4:30 PM	5:00 PM	Open Discussion & Closing Thoughts	All	
6:00 PM	8:00 PM	Awards Dinner/Evening Social	Hotel Albuquerque	

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Tract 2 – Arid Regions Stream Restoration /Riverine Erosion Mitigation

Moderated by – Burke Lokey & Marc McIntosh

Thursday, April 18, 2019

Time		Presentation Topic/Activity	Presenter	Organization
From	To			
7:45 AM	9:00 AM	Continental Breakfast		
8:30 AM	9:00 AM	Alternative Erosion Based Avoided Damage Methodology	Neal Banerjee & Bel Marquez	ESP Associates, Inc.
9:00 AM	9:30 AM	Unlined Ditch Conversions with an Emphasis on Thermoplastic Pipe	Peggy B Graham	Advanced Drainage Systems, Inc.
9:30 AM	10:00 AM	Programmatic Implications for a Naturalistic Approach to Flood Mitigation	Paula Gutierrez, Garrett Altmann, David Turk	Santa Clara Pueblo & AECOM
10:00 AM	10:30 AM	Break		
10:30 AM	11:00 AM	Pioneering Technology for Floodplain Studies and Mitigation Solutions	Nolen Nelson & Eric Nemeth	Navajo Housing Authority & AECOM
11:00 AM	11:30 AM	Practical Considerations in River Restoration	Chris Phillips	Riverbend Engineering
11:30 AM	12:00 PM	River Mechanics Engineering in Maricopa County, Arizona	Bing Zhao	Flood Control District of Maricopa County
12:00 PM	1:30 PM	Luncheon and Business Meeting		
1:30 PM	2:00 PM	Sediment Fence Erosion Protection	Dana Peterson & Burke Lokey	COA & NMDOT
2:00 PM	2:30 PM	Fountain Creek at Hanson Trailhead Stream Restoration – Developing a Resilient Solution to a 20 Year Problem	Craig Hoover	BHI
2:30 PM	3:00 PM	Conventional and Bio-Engineering Techniques for Watershed Restoration and Flood Mitigation	Garrett Altmann, Chris Romeyn, Marc McIntosh	Santa Clara Pueblo & AECOM
3:00 PM	3:30 PM	Break		
3:30 PM	4:00 PM	After the Fire: A Case Study from the July 2017 Flood in Mayer, AZ	Laurie Miller	LTM Engineering
4:00 PM	4:30 PM	Experiences of Erosion Control Applications, case studies in NM	Stefano Rignanese	Maccaferri
4:30 PM	5:00 PM	Open Discussion & Closing Thoughts	All	
6:00 PM	8:00 PM	Awards Dinner/Evening Social	Hotel Albuquerque	

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Tract 3 – Arid Regions Technical

Moderated by Kelly Jayne & Alandren Etlantus

Thursday, April 18, 2019

Time		Presentation Topic/Activity	Presenter	Organization
From	To			
7:45 AM	9:00 AM	Continental Breakfast		
8:30 AM	9:00 AM	Incremental Damages Assessment on Santa Clara Creek: A Case Study	Kyle Shour, Jame Eisenberg, and Garrett Altmann	Tetra Tech, USACE, Santa Clara Pueblo Forestry
9:00 AM	9:30 AM	Impact of Antecedent Soil Moisture on Runoff – A New Mexico Case Study	Gerhard Schoener	SSCAFCA
9:30 AM	10:00 AM	SRH2D for Bridges on Arroyos	Burke Lokey, Marc McIntosh, & Billie Denetdale	NMDOT & AECOM
10:00 AM	10:30 AM	Break		
10:30 AM	11:00 AM	Will the Real Peak Discharge Please Stand Up V2	Chris Naidu	Smith Engineering Company
11:00 AM	11:30 AM	Cloudcroft – 2D on a mountaintop	Burke Lokey & Scott Medina	NMDOT and AECOM
11:30 AM	12:00 PM	Salt River Project Irrigation Lateral Capacity Tool	Brent Travis	WEST Consultants, Inc.
12:00 PM	1:30 PM	Luncheon and Business Meeting		
1:30 PM	2:30 PM	Sediment Deposition in Cochiti Reservoir and the Rio Grande: 3-D Comparison	Nathan Kempf & Jacob Darlington	Wilson & Company, Inc.
2:30 PM	3:00 PM	A Controlled Eruption for Water Quality	Tyler Ashton	Wilson & Company, Inc.
3:00 PM	3:30 PM	Break		
3:30 PM	4:00 PM	Ute Park Fire Recovery Effort	Cody L. Stropki	SWCA
4:00 PM	4:30 PM	Evaluating Hydrology in Arid Regions Using Bulletin 17C	Chris Ide	Wood
4:30 PM	5:00 PM	Open Discussion & Closing Thoughts	All	
6:00 PM	8:00 PM	Awards Dinner/Evening Social	Hotel Albuquerque	

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Closing Plenary

Moderated by Alandren Etlantus & Kelly Jayne

Friday, April 19, 2019

Time		Presentation Topic/Activity	Presenter	Organization
From	To			
7:45 AM	9:00 AM	Breakfast Burrito Bar		
8:30 AM	9:00 AM	Urban Design and Green Infrastructure	Mimi Burns and Jitka Dekojova	DPS
9:00 AM	9:30 AM	New Mexico Flood Mitigation Projects	Wendy Blackwell	NM Department of Homeland Security and Emergency Management
9:30 AM	10:00 AM	State Floodplain Program	Veronica Chavez	NM Department of Homeland Security and Emergency Management
10:00 AM	10:30 AM	Break		
10:30 AM	11:00 AM	Urban Water Stormwater Harvesting	Van Clothier	Stream Dynamics, Inc.
11:00 AM	11:30 AM	Online LOMA	Michele Truby-Tillen	San Juan County
12:00 PM		FAREWELL & ADJOURN	Thanks for attending!	